

# Voluntary Reporting of Greenhouse Gases 2003

**Table 34. Largest Reported Individual Project-Level Commitments To Reduce Greenhouse Gas Emissions, Data Year 2003**

Reporter	Project Description	Reported Commitment (Million Metric Tons Carbon Dioxide Equivalent)	Percent of Total Reported Project-Level Commitments
Tennessee Valley Authority . . . . .	Increase in low-emitting capacity	17.6	24.3
Middlesex Generating Company, LLC . . . . .	Landfill gas control and energy recovery to produce electric power	4.8	6.6
FirstEnergy Corporation . . . . .	Undertake supply side efficiency improvements	4.4	6.0
City of Klamath Falls-Cogen . . . . .	As part of KCP's carbon offset proposal to EFSC, \$1.5 million in funding was committed to the FRT program to support reforestation of underproducing lands in western Oregon	3.0	4.2
Noranda Aluminum, Inc. . . . .	Reduction of PFC emissions through anode effect reduction program in keeping with USEPA goal of 30-60%; 90% reduction in PFC emissions from Lines 1 & 2 and 69% reduction from Line 3; all reductions from 1990 baseline emissions	2.8	3.8
FirstEnergy Corporation . . . . .	Nuclear generation operation improvement	2.5	3.5
City of Klamath Falls-Cogen . . . . .	Under the Oregon State Energy Facility Siting Council Site Certificate, the Klamath Cogeneration Project committed to invest \$1 million (in 1998 dollars) to extract useful energy (methane) for electricity production from two largely untapped sources	2.5	3.4
Municipal Electric Auth of Georgia (MEAG Power) . . . . .	Increase nuclear unit availability	2.5	3.4
Alliant Energy . . . . .	Modified forest management	2.4	3.3
New York Power Authority . . . . .	NYPA customer energy services programs	2.3	3.1
Tennessee Valley Authority . . . . .	Fuel switching	2.2	3.0
Greater New Bedford Regional Refuse Mgt District . . . . .	Landfill gas control and future utilization	2.1	2.9
City of Klamath Falls-Cogen . . . . .	Cogeneration of steam to displace fossil-fired boilers used at an off-site industrial facility	2.0	2.8
Alliant Energy . . . . .	Other energy end-use projects/activities (electric)	1.7	2.3
PacifiCorp . . . . .	Other energy end-use projects/activities	1.3	1.8
Santee Cooper . . . . .	Cross Unit 2 retrofit	1.1	1.6
Municipal Electric Auth of Georgia (MEAG Power) . . . . .	Increase nuclear unit capacity	1.0	1.3
Santee Cooper . . . . .	Upgrade Summer Nuclear Station	0.9	1.3
Allegheny Energy, Inc. . . . .	Utilitree: Rio Bravo Carbon Sequestration Project, Belize: 134,400 acres	0.9	1.3
City of Klamath Falls-Cogen . . . . .	Sales and installation of solar photovoltaic systems in off-grid rural households in India and Sri Lanka	0.8	1.2
Tennessee Valley Authority . . . . .	Heat rate improvement	0.8	1.1
Tennessee Valley Authority . . . . .	Other energy end-use projects/activities	0.8	1.1
<b>Total . . . . .</b>		<b>60.4</b>	<b>83.3</b>

Source: Energy Information Administration, Form EIA-1605.